Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\
Data File : BM012554.D
Acq On : 29 Oct 2017 09:00
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02069

Manual Integrations APPROVED
Sohil
10/30/2017 6:33:11 PM

Quant Time: Oct 30 09:42:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 09:15:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	799791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	3180706	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1751106	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	3413687	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	3196810	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	3592757	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	119718	7.65	ng/uL	0.00
5) Phenol-d5	7.03	99	1257240	18.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	757124	19.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	997787	19.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	1027530	17.99	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	471482	23.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	531663	25.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	1062564	19.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	1185061	20.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	2735022	17.88	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	3498832	19.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	410557	18.05	ng/ul	0.00
57) Fluorene-d10	15.49	176	2253743	17.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	355931	21.54	ng/ul	0.00
70) Anthracene-d10	17.33	188	3111692	19.13	ng/ul	0.00
76) Pyrene-d10	19.62	212	2964349	20.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	3237371	18.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	127010	7.596	ng/uL#	66
4) Benzaldehyde	7.01	77	858008	23.617	ng/ul	92
6) Phenol	7.06	94	1288111	18.516	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.29	93	988750	19.327	ng/ul	97
10) 2-Chlorophenol	7.43	128	1026969	20.054	ng/ul	98
11) 2-Methylphenol	8.30	108	948236	18.078	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.40	45	1109533	19.739	ng/ul#	84
14) Acetophenone	8.69	105	1555741	17.340	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.67	70	836158	17.077	ng/ul#	64
16) 4-Methylphenol	8.63	108	1033836	18.008	ng/ul	92
17) Hexachloroethane	8.95	117	418729	19.295	ng/ul	87
20) Nitrobenzene	9.06	77	1209544	21.078	ng/ul	95
21) Isophorone	9.59	82	2144763	17.661	ng/ul#	94
23) 2-Nitrophenol	9.77	139	571863	25.078	ng/ul#	76
24) 2,4-Dimethylphenol	9.83	107	1161994	18.113	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.07	93	1296835	19.002	ng/ul	95
27) 2,4-Dichlorophenol	10.30	162	1027204	19.368	ng/ul#	91
28) Naphthalene	10.71	128	3051594	19.349	ng/ul	100
30) 4-Chloroaniline	10.82	127	1191568	20.642	ng/ul	94
31) Hexachlorobutadiene	10.99	225	758109	18.632	ng/ul	96
32) Caprolactam	11.59	113	281822m	16.408	ng/ul	
33) 4-Chloro-3-methylphenol	11.94	107	1004369	16.856	ng/ul	98
34) 2-Methylnaphthalene	12.32	142	2247755	17.551	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	12.69	216	1309579	21.118 ng/ul	98
37) Hexachlorocyclopentadiene	12.66	237	611837	15.279 ng/ul	99
38) 2,4,6-Trichlorophenol	12.93	196	834001	22.460 ng/ul	97
39) 2,4,5-Trichlorophenol	13.00	196	861933	21.899 ng/ul	99
40) 1,1'-Biphenyl	13.33	154	2893423	20.711 ng/ul	99
41) 2-Chloronaphthalene	13.37	162	2271109	20.724 ng/ul	100
42) 2-Nitroaniline	13.57	65	629373	24.695 ng/ul	90
44) Dimethylphthalate	13.95	163	2722026	17.989 ng/ul	100
45) 2,6-Dinitrotoluene	14.07	165	560174	23.296 ng/ul	90
47) Acenaphthylene	14.22	152	3368341	19.504 ng/ul	99
48) 3-Nitroaniline	14.40	138	519318	23.048 ng/ul	91
49) Acenaphthene	14.56	153	2261739	19.120 ng/ul	99
50) 2,4-Dinitrophenol	14.61	184	238829	17.693 ng/ul	89
52) 4-Nitrophenol	14.71	109	361690	15.676 ng/ul	80
53) Dibenzofuran	14.89	168	3193405	18.243 ng/ul	97
54) 2,4-Dinitrotoluene	14.86	165	757867	21.043 ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.12	232	702275	19.278 ng/ul#	96
56) Diethylphthalate	15.32	149	2584840	16.756 ng/ul	95
58) Fluorene	15.54	166	2578293	17.415 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.54	204	1394414	17.310 ng/ul	97
60) 4-Nitroaniline	15.56	138	520960	18.444 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.63	198	378515	20.832 ng/ul#	86
64) N-Nitrosodiphenylamine	15.75	169	2166234	21.836 ng/ul	100
65) 4-Bromophenyl-phenylether	16.43	248	864461	21.139 ng/ul	97
66) Hexachlorobenzene	16.55	284	936521	20.703 ng/ul	99
67) Atrazine	16.70	200	817054	19.152 ng/ul	93
68) Pentachlorophenol	16.89	266	498456	20.148 ng/ul	98
69) Phenanthrene	17.28	178	3552864	19.246 ng/ul	99
71) Anthracene	17.37	178	3646612	19.112 ng/ul	99
72) Carbazole	17.64	167	2974497	18.820 ng/ul	100
73) Di-n-butylphthalate	18.20	149	3807648	18.892 ng/ul#	97
74) Fluoranthene	19.29	202	3741372	17.886 ng/ul#	92
77) Pyrene	19.65	202	3832816	21.083 ng/ul#	89
78) Butylbenzylphthalate	20.54	149	1500189	20.945 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.32	252	1256884	17.915 ng/ul#	96
80) Benzo(a)anthracene	21.39	228	3765766	19.672 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	2196828	20.160 ng/ul	99
82) Chrysene	21.44	228	3358927	19.735 ng/ul	99
84) Di-n-octyl phthalate	22.22	149	3653675	19.606 ng/ul	99
85) Benzo(b)fluoranthene	23.02	252	4088685	18.410 ng/ul#	97
86) Benzo(k)fluoranthene	23.06	252	3950410	18.898 ng/ul#	97
88) Benzo(a)pyrene	23.61	252	4021079	18.990 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.05	276	5068669	20.338 ng/ul#	95
90) Dibenzo(a,h)anthracene	26.06	278	4288535	20.298 ng/ul#	96
91) Benzo(g,h,i)perylene	26.77	276	4191647	20.753 ng/ul#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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